L Number	Hits	Search Text	DB	Time stamp
1	377	gain with reduce adj noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:30
2	2042453	gain with reduce near$3 noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:36
3	1987741	gain with reduce near$2 noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:31
4	57397	(gain with reduce near$2 noise) and pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:36
5	50637	(gain with reduce near$2 noise) and pixels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:32
6	38	((gain with reduce near$2 noise) and pixels) and initial adj gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:37
7	38	(((gain with reduce near$2 noise) and pixels) and initial adj gain) and gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:35
8	912	gain with reduce near3 noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 12:18
9	761	gain with reduce near2 noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:36
10	54	(gain with reduce near2 noise) and pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:37
11	57	(gain with reduce near2 noise) and pixel$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:53
13	57	((gain with reduce near2 noise) and pixel$2) and gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:53
14	129	(gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 12:19
15	42	((gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 12:19

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16	3	(((gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or pre-amplifier or pre adj amplifier)) and memory) and pixel$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 12:20
–	10	"5698844"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/30 11:30
–	0	("56988434").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:45
–	2	("5698844").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:13
–	33342	conductance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:57
–	877	conductance and (image adj sensor or image-sensor or imager or ccd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:58
–	326	(conductance and (image adj sensor or image-sensor or imager or ccd)) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:05
–	200	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:58
–	104	(((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:58
–	57	((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:59
–	57	((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:59
–	56	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain) and amplif$7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 17:59
–	44	(((((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and transfer) and load) and gain) and (amplify or amplification or amplifying)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:20
–	4	(("5786588") or ("5955753")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:21

-	5	(US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$).did.	USPAT	2003/03/31 18:25
-	0	((US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$).did.) and gain with different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:22
-	1	((US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$).did.) and gain with differ$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:22
-	3	((US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$).did.) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:24
-	17	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:11
-	11	(((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc$4))) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:07
-	39935	(noise with (reduction or ruduc$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:11
-	1190	(noise with (reduction or ruduc$4)) with (gain or gains)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:12
-	361	((noise with (reduction or ruduc$4)) with (gain or gains)) with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:16
-	23	(((noise with (reduction or ruduc$4)) with (gain or gains)) with amplifier) with (different or difference)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:13
-	3	((noise with (reduction or ruduc$4)) with (gain or gains)) with mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/31 19:16
-	2	("5955753").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:16
-	2	("5786588").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:16
-	400	memory with gain with (pixel or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:27

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–	2	memory with gain with (pixel or sensor) with mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:20
–	2	memory with gain with (pixel or sensor or light) with mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:20
–	20	memory with gain with (pixel or sensor) with (vary or change or different)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:26
–	116	memory with gain with (pixel or sensor) and camera	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:26
–	12	memory with gain with (pixel or sensor) with noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:27
–	3	("5698844" | "5717458" | "5861620").PN.	USPAT	2003/04/01 13:34
–	5	("5182623" | "5311320" | "5652622" | "5693932" | "5737016").PN.	USPAT	2003/04/01 13:42
–	9	("4768084" | "5119202" | "5122881" | "5144447" | "5187583" | "5335008" | "5420631" | "5453783" | "5539461").PN.	USPAT	2003/04/01 13:43
–	6	("Re34309" | "5288988" | "5311319" | "5424529" | "5488415" | "5587738").PN.	USPAT	2003/04/01 13:43
–	3	5861620.URPN.	USPAT	2003/04/01 13:44
–	17	(US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5698844-$ or US-5717458-$ or US-5861620-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.	USPAT; JPO; DERWENT	2003/04/01 13:44
–	13	((US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5698844-$ or US-5717458-$ or US-5861620-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:45
–	13	((US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5698844-$ or US-5717458-$ or US-5861620-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:49

-		7	(((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:52
-		6	((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:50
-		1	((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and (memory with gain)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:50
-		7	((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:53
-		7	(((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 13:53
-		4	((((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and length) and ((memory or storage) and pixel)) and gain) and mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:06

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–	676	MOS and Conductance and Length and width and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:09
–	145	MOS with Conductance and Length and width and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:07
–	32	MOS with Conductance with Length and width and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:07
–	14	MOS with Conductance with Length with width and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:08
–	2	MOS with Conductance with Length with width with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:08
–	458	MOS and Conductance and Length and width and gain and oxide	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:09
–	72	(MOS and Conductance and Length and width and gain and oxide) and (gain with MOS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:27
–	0	gain with amplifyer with oxide with length with width	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:23
–	30	mos with gain with (calculation or equation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:47
–	25549	mos .ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:47
–	74	(mos .ti.) and oxide and thickness and width and length and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:48
–	10	(mos .ti.) and oxide with thickness with width and length and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:48
–	0	(mos .ti.) and oxide with thickness with width with length with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:49
–	8	(mos .ti.) and oxide with thickness with width with length and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:55

-	727	load adj mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:55
-	8	load adj mos with amplifying adj mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:58
-	1	load adj mos with amplifying adj mos with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 14:56
-	5	load adj mos with amplifying adj mos and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:10
-	9189	MOS with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:11
-	2188	(MOS with amplifier) and load with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:10
-	52	MOS with amplifier with load with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:30
-	233	(memory or storage) with pixel with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:39
-	3	(memory or storage) with pixel with gain with mos	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:32
-	33	(memory or storage) with pixel with gain with (different or high$2 or low$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:33
-	52	((memory or storage) with pixel with gain) and image adj sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:40
-	20	(((memory or storage) with pixel with gain) and image adj sensor) and load	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:40
-	1094	storage with transfer with sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:34
-	26	(storage with transfer with sensor) and storage with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:53

-	21	((storage with transfer with sensor) and storage with gain) and sensor with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 15:53
-	9	storage with transfer with sensor with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:09
-	117	(gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:13
-	45	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:12
-	6	(((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor) and MOS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:12
-	66	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near4 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:13
-	52	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:13
-	55	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:14
-	49	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near2 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:19
-	24	(storage with transfer with sensor) and ((gain or amplif$6) near3 (different or very or vary))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 16:21
-	8	memory adj cell with sensor adj cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 17:21
-	79	memory adj (cell or unit) with sensor adj (cell or unit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 17:22
-	2	memory adj (cell or unit) with sensor adj (cell or unit) with (gain or amplif$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 17:25
-	1685	memory with sensor with (gain or amplif$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 17:25

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–	8325	(storage or memory) with transfer with (sensor or pixel or reading)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:35
–	179	((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with (storage or memory)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:40
–	78	(((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with (storage or memory)))) and MOS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:40
–	24	(US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.	USPAT; JPO; DERWENT	2003/04/02 12:41
–	20	((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:33
–	15	(((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS) and pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:33
–	11	((((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS) and pixel) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:37

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–		9	`((((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS) and pixel) and oxide`	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:37
–		5	`(((((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS) and pixel) and oxide) and length and width`	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:38
–		5	`((((((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and MOS) and pixel) and oxide) and length and width) and load`	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:43
–		9	`((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and conductance`	USPAT; JPO; DERWENT	2003/04/02 12:42
–		9	`(((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and conductance) and gain`	USPAT; JPO; DERWENT	2003/04/02 12:42

-	7	((((US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5955753-$ or US-5786588-$ or US-6493030-$ or US-6147338-$ or US-5861620-$ or US-5717458-$ or US-5737016-$ or US-5693932-$ or US-5652622-$ or US-5311320-$ or US-5182623-$ or US-5335008-$ or US-6163215-$ or US-6061093-$ or US-6127892-$ or US-3958187-$ or US-5917343-$ or US-6512544-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and conductance) and gain) and length and width	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:09
-	2	(250/214).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:36
-	1812	(250/208.1).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:10
-	336	(348/308).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:11
-	124	((348/308).CCLS.) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:12
-	105	(((348/308).CCLS.) and gain) and amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:13
-	48	((((348/308).CCLS.) and gain) and amplifier) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:13
-	2124	(250/214 R).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 13:36
-	4	("4704738" | "5896063" | "5949285" | "5999049").PN.	USPAT	2003/04/02 15:21
-	1	hannett .xa.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 18:07
-	24	(US-6147338-$ or US-5717458-$ or US-5861620-$ or US-5311320-$ or US-5693932-$ or US-5737016-$ or US-5652622-$ or US-5335008-$ or US-5182623-$ or US-6163215-$ or US-6061093-$ or US-3958187-$ or US-6127892-$ or US-5917343-$ or US-6512544-$ or US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5786588-$ or US-6493030-$ or US-5955753-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.	USPAT; JPO; DERWENT	2003/10/29 16:38

–	20	((US-6147338-$ or US-5717458-$ or US-5861620-$ or US-5311320-$ or US-5693932-$ or US-5737016-$ or US-5652622-$ or US-5335008-$ or US-5182623-$ or US-6163215-$ or US-6061093-$ or US-3958187-$ or US-6127892-$ or US-5917343-$ or US-6512544-$ or US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5786588-$ or US-6493030-$ or US-5955753-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 16:38
–	4	((US-6147338-$ or US-5717458-$ or US-5861620-$ or US-5311320-$ or US-5693932-$ or US-5737016-$ or US-5652622-$ or US-5335008-$ or US-5182623-$ or US-6163215-$ or US-6061093-$ or US-3958187-$ or US-6127892-$ or US-5917343-$ or US-6512544-$ or US-5698844-$ or US-5280511-$ or US-5252868-$ or US-4704635-$ or US-5786588-$ or US-6493030-$ or US-5955753-$).did. or (JP-01039171-$).did. or (JP-2000078473-$).did.) and gain$2 with different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 16:38
–	3	("5698844" | "5717458" | "5861620").PN.	USPAT	2003/10/29 17:06
–	6	("Re34309" | "5288988" | "5311319" | "5424529" | "5488415" | "5587738").PN.	USPAT	2003/10/29 17:07
–	9	5698844.URPN.	USPAT	2003/10/29 17:10
–	3	("5698844" | "5717458" | "5861620").PN.	USPAT	2003/10/29 17:11
–	3	6147338.URPN.	USPAT	2003/10/29 17:11
–	3	("5717458" | "5861620" | "6147338").PN.	USPAT	2003/10/29 17:12
–	1	6486912.URPN.	USPAT	2003/10/29 17:13
–	166	pixel with memory with gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:14
–	5	pixel with memory with gain$2 with different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:15
–	166	pixel with memory with gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:15
–	5	(pixel with memory with gain$2) with transfer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:15
–	60	(pixel with memory with gain$2) and transfer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:18
–	2903	pixel$2 with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:19

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–	3267	pixel$2 with amplifier$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:19
–	1673	(pixel$2 with amplifier$2) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:19
–	369	(pixel$2 with amplifier$2) and memory with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:20
–	121	((pixel$2 with amplifier$2) and memory with amplifier) and gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:20
–	100	(((pixel$2 with amplifier$2) and memory with amplifier) and gain$2) and pixels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:21
–	72	((((pixel$2 with amplifier$2) and memory with amplifier) and gain$2) and pixels) and transfer$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:22
–	24	(((((pixel$2 with amplifier$2) and memory with amplifier) and gain$2) and pixels) and transfer$4) and MOS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:31
–	3541	second adj gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:37
–	172	(second adj gain) and pixel$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:32
–	110	((second adj gain) and pixel$2) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:32
–	51	(((second adj gain) and pixel$2) and memory) and transfer$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:32
–	16701	second adj amplif$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:38
–	11222	(second adj amplif$4) and first adj amplif$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:38
–	6167	((second adj amplif$4) and first adj amplif$4) and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:38

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–	110	(((second adj amplif$4) and first adj amplif$4) and gain) and pixels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:38
–	48	((((second adj amplif$4) and first adj amplif$4) and gain) and pixels) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:47
–	49	((((second adj amplif$4) and first adj amplif$4) and gain) and pixels) and storage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:45
–	18	(((((second adj amplif$4) and first adj amplif$4) and gain) and pixels) and storage) not (((((second adj amplif$4) and first adj amplif$4) and gain) and pixels) and memory)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:45
–	16233	(storage with amplif$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:47
–	313	((storage with amplif$4)) and (pixel with amplif$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:48
–	201	(((storage with amplif$4)) and (pixel with amplif$5)) and noise	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:48
–	49	(((storage with amplif$4)) and (pixel with amplif$5)) and noise with gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:55
–	10864	(read adj out or read-out or readout) with amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:56
–	717	(read adj out or read-out or readout) adj amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:56
–	380	((read adj out or read-out or readout) adj amplifier) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:57
–	4	((read adj out or read-out or readout) adj amplifier) and memory adj amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:57
–	2	((read adj out or read-out or readout) adj amplifier) and storage adj amplifier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:57
–	84	(((read adj out or read-out or readout) adj amplifier) and memory) and gain$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 17:58

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-	45	((((read adj out or read-out or readout) adj amplifier) and memory) and gain$2) and pixels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 18:02
-	104	noise with amplif$4 with pixels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 18:03
-	7	(noise with amplif$4 with pixels) and (decrease or reduce) with gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/29 18:03

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